

Converting Colors

CIELCh(100, 73.226, 134.500)

Have a look what the booklet for
CIELCh(100, 73.226, 134.500)
contains.

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Color

CIELCh(93, 59.841, 133.294)

Conversions

Conversions Part 1

Format	Color
Hex	B5FE94
RGB	181, 254, 148
RGB Percent	71%, 100%, 58%
CMY	0.2895, 0.0033, 0.4188
CMYK	0.29, 0.00, 0.42, 0.00
HSL	101°, 98%, 79%
HSV	101°, 42%, 100%
XYZ	59.9472, 82.9670, 40.9596
YIQ	220.0890, -9.4820, -48.4420

Conversions

Conversions Part 2

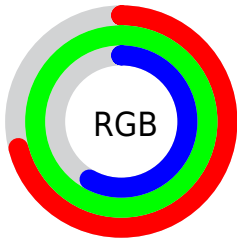
Format	Color
RYB	148, 254, 221
Decimal	11927188
CIELab	93.00, -41.04, 43.55
CIELCh	93, 59.841, 133.294
Yxy	82.9670, 0.3260, 0.4512
Android (android.graphics.Color)	4290117268 (0xFFB5FE94)
YUV	220.0890, -35.5399, -34.2811
Hunter-Lab	91.0862, -41.9236, 37.0989

Details

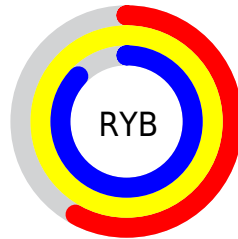
The CIELCh color **93, 59.841, 133.294** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **72, 61.828, 317.175**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 26.976, 120.916**, and **73, 60.128, 133.276** is the 20% darker color. If you saturate the color by 10%, you get **92, 73.361, 132.755**, and if you desaturate by 10%, it is **94, 45.741, 133.851**.

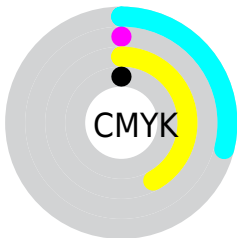
Distribution



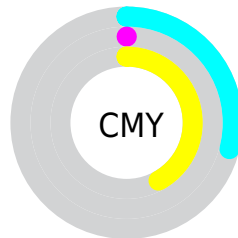
- Red (71%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (87%)



- Cyan (29%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 59.841, 133.294 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 93, 59.841, 133.294 by changing the saturation by 10% instead.


 93, 59.841,
133.294


 93, 59.841,
133.294


 100, 59.841,
133.294

 83, 59.841,
133.294

 73, 59.841,
133.294

 63, 59.841,
133.294


 53, 59.841,
133.294

 43, 59.841,
133.294


 33, 59.841,
133.294


 23, 59.841,


133.294


 13, 59.841,
133.294


 3, 59.841, 133.294


 93, 59.841,
133.294


 93, 59.841,
133.294


 92, 73.361,
132.755


 94, 45.741,
133.851

 91, 85.897,
132.296

 96, 31.341,
134.386

 90, 96.919,
132.020

 98, 16.848,
134.883

 89, 105.793,
132.057

 99, 2.407, 135.401

 100, 0.535,

■ 89, 111.975,
132.524

323.882

■ 88, 115.155,
133.195

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



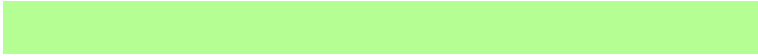
93, 59.841, 133.294



72, 61.828, 317.175

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 59.841, 133.294



93, 59.841, 183.294



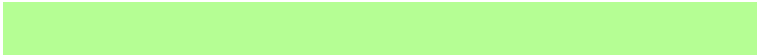
93, 59.841, 313.294



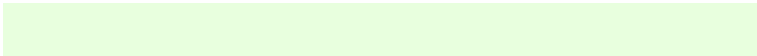
93, 59.841, 3.294

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93, 59.843, 133.295



98, 18.807, 134.820



89, 39.850, 86.962



52, 13.169, 134.712



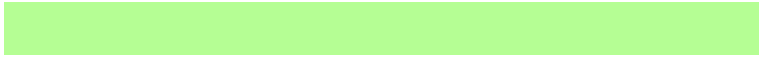
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

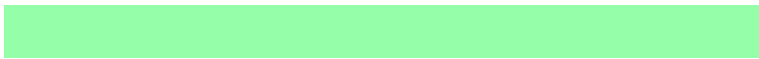
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 59.843, 133.295



92, 71.333, 132.842



92, 57.936, 146.446



52, 8.213, 134.986



68, 92.734, 132.975



23, 41.209, 131.836

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72, 61.828, 317.175



67, 74.120, 317.487



75, 57.997, 332.661



49, 8.283, 315.766



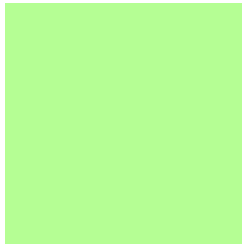
35, 96.664, 316.993



8, 44.166, 318.187

Previews

White Background



This preview shows how the CIELCh color 93, 59.841, 133.294 looks on a white background.

Color Contrast Check

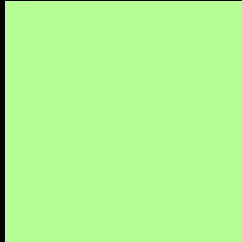
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 93, 59.841, 133.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

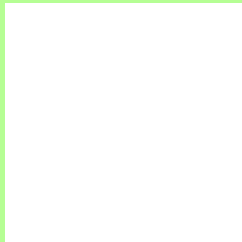
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 59.841, 133.294

Background



This preview shows how black text looks on a background with the CIELCh color 93, 59.841, 133.294.

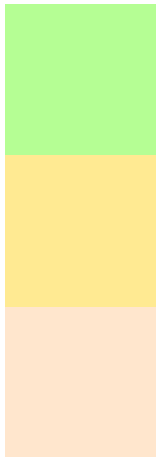


This preview shows how white text looks on a background with the CIELCh color 93, 59.841, 133.294.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
93, 59.878, 133.285

Protanopia
93, 45.458, 95.757

Deuteranopia
93, 15.988, 72.959

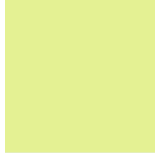


Tritanopia
93, 13.215, 234.875

Trichromacy



Original Color
93, 59.878, 133.285



Protanomaly
92, 47.588, 112.624

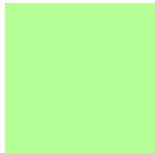


Deuteranomaly
92, 28.411, 116.409

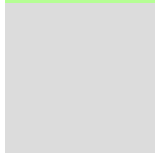


Tritanomaly
93, 22.472, 156.312

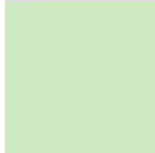
Monochromacy



Original Color
93, 59.878, 133.285



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 21.939, 134.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 59.841, 133.294 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 254, 148)` looks like.

```
.text, #text, p{  
    color:rgb(181, 254, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 254, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 254, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 59.841, 133.294 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 254, 148) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 254, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 254, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 254, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 254, 148);  
box-shadow:4px 4px 4px 4px rgb(181, 254,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 59.841, 133.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 254, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181,  
254, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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